

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	KSRRB300-1. Earthwork excavation by manual means for Drains and similar works in ordinar soil excavated surface levelled and sides neatly dressed, the dispossed earth to be levelled neatly after breaking of clods completed as per specifications.						
	New CC Drain						
	Swagat Layout						
	5th Cross Road						
	RHS						
	Ch.0.00 to 12.0m	1	12.00	1.10	1.05	13.86	
	Ch.12.0 to 30.0m	1	18.00	1.10	1.00	19.80	
	Ch.30.0 to 35.5m	1	5.50	1.10	0.90	5.45	
	Ch.35.5 to 38.8m	1	3.30	1.10	1.00	3.63	
	Ch.38.8 to 68.5m	1	29.70	1.10	1.05	34.30	
	Ch.68.5 to 74.2m	1	5.70	1.10	1.05	6.58	
	Ch.74.2 to 104.2m	1	30.00	1.10	1.05	34.65	
	Ch.104.2 to 110.7m	1	6.50	1.10	1.00	7.15	
	Road Gap						
	Ch.110.7 to 120m	1	9.30	1.10	1.00	10.23	
	Ch.120.0 to 137.3m	1	17.30	1.10	1.00	19.03	
	Ch.137.3 to 146m	1	8.70	1.10	1.00	9.57	
	Ch.146 to 161.2m	1	15.20	1.10	1.00	16.72	
	Ch.161.2 to 172.8m	1	11.60	1.10	1.00	12.76	
	Ch.172.8 to 178.6m	1	5.80	1.10	1.00	6.38	
	Ch.178.6 to 182.2m	1	3.60	1.10	1.05	4.16	
	Ch.182.2 to 212.2m	1	30.00	1.10	1.05	34.65	
	Ch.212.2 to 217.6m	1	5.40	1.10	1.05	6.24	
	Ch.217.6 to 227m	1	9.40	1.10	0.90	9.31	
	Ch.227 to 257m	1	30.00	1.10	0.90	29.70	
	Ch.257 to 260.7m	1	3.70	1.10	0.90	3.66	
	4th Cross Road						
	RHS						
	Ch.0.00 to 30.0m	1	30.00	1.10	1.00	33.00	
	Ch.30.0 to 58.3m	1	28.30	1.10	1.00	31.13	
	Ch.58.3 to 67.3m	1	9.00	1.10	1.00	9.90	
	Ch.67.3 to 76.6m	1	9.30	1.10	1.05	10.74	
	Ch.76.6 to 88.7m	1	12.10	1.10	1.05	13.98	
	Ch.88.7 to 100.2m	1	11.50	1.10	1.05	13.28	



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಓ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch.100.2 to 108.5m	1	8.30	1.10	1.05	9.59	
	Ch.108.5 to 118.2m	1	9.70	1.10	0.90	9.60	
	Ch.118.2 to 148.2m	1	30.00	1.10	0.90	29.70	
	Ch.148.2 to 162.1m	1	13.90	1.10	0.90	13.76	
	Ch.162.1 to 171.9m	1	9.80	1.10	0.90	9.70	
	Ch.171.9 to 180.4m	1	8.50	1.10	0.90	8.42	
	Ch.180.4 to 189.5m	1	9.10	1.10	0.90	9.01	
	Ch.189.5 to 204.5m	1	15.00	1.10	1.00	16.50	
	LHS						
	Ch.0.00 to 15.2m	1	15.20	1.10	1.00	16.72	
	Ch.15.2 to 35.6m	1	20.40	1.10	1.00	22.44	
	Ch.35.6 to 53.4m	1	17.80	1.10	1.00	19.58	
	Ch.53.4 to 83.4m	1	30.00	1.10	1.00	33.00	
	Ch.83.4 to 97.2m	1	13.80	1.10	1.00	15.18	
	Ch.97.2 to 106.2m	1	9.00	1.10	1.00	9.90	
	Road Gap						
	Ch.106.2 to 134.1m	1	27.90	1.10	1.00	30.69	
	Ch.134.1 to 142.2m	1	8.10	1.10	0.90	8.02	
	Ch.142.2 to 172.2m	1	30.00	1.10	1.05	34.65	
	Ch.172.2 to 202.2m	1	30.00	1.10	1.05	34.65	
	Ch.202.2 to 203.8m	1	1.60	1.10	1.05	1.85	
	Road Connecting 4th & 5th Cross						
	LHS						
	Ch.0.00 to 15.2m	1	25.00	1.10	1.00	27.50	
	RHS						
	Ch.0.00 to 15.2m	1	25.00	1.10	1.00	27.50	
	Akashavani Layout						
	2nd Cross Road						
	LHS						
	Ch.0.00 to 30.0m	1	30.00	1.10	1.00	33.00	
	Ch.30.0 to 60.0m	1	30.00	1.10	1.00	33.00	
	Ch.60.0 to 90.0m	1	30.00	1.10	1.00	33.00	
	Ch.90.0 to 97.0m	1	7.00	1.10	1.00	7.70	
	RHS						
	Ch.0.00 to 30.0m	1	30.00	1.10	1.00	33.00	
	Ch.30.0 to 60.0m	1	30.00	1.10	0.90	29.70	
	Ch.60.0 to 90.0m	1	30.00	1.10	0.90	29.70	
	Ch.90.0 to 97.0m	1	7.00	1.10	1.00	7.70	
	Venugopal Layout						
	4th Cross Road						
	LHS						
	Ch.0.00 to 30.0m	1	30.00	1.10	1.05	34.65	



ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ, ಪ್ರಯೋಗಶಾಲೆ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಜಿ.ಎಂ.ಎ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch.30.0 to 60.0m	1	30.00	1.10	1.05	34.65	
	Ch.60.0 to 72.0m	1	12.00	1.10	1.05	13.86	
	RHS						
	Ch.0.00 to 30.0m	1	30.00	1.10	1.00	33.00	
	Ch.30.0 to 60.0m	1	30.00	1.10	1.00	33.00	
	Ch.60.0 to 72.0m	1	12.00	1.10	1.00	13.20	
	Cross Road						
	LHS						
	Ch.0.00 to 15.0m	1	15.00	1.10	1.00	16.50	
	AMS LAYOUT						
	4th Main Road						
	RHS						
	Ch.0.00 to 26.6m	1	26.60	1.10	1.00	29.26	
	Road Gap						
	Ch.26.6 to 56.6m	1	30.00	1.10	1.00	33.00	
	Ch.56.6 to 64.6m	1	8.00	1.10	1.00	8.80	
	Road Gap						
	Ch.64.6 to 81.9m	1	17.30	1.10	1.00	19.03	
	Ch.81.9 to 85.1m	1	3.20	1.10	0.90	3.17	
	Ch.85.1 to 97.1m	1	12.00	1.10	1.00	13.20	
	Road Gap						
	Ch.97.1 to 114.2m	1	17.10	1.10	1.00	18.81	
	Ch.114.2 to 129.2m	1	15.00	1.10	1.05	17.33	
	Road Gap						
	Ch.129.2 to 152.2m	1	23.00	1.10	1.00	25.30	
	Road Gap						
	Ch.152.2 to 178.2m	1	26.00	1.10	1.00	28.60	
	1st Cross Road						
	LHS						
	Ch.0.00 to 7.9m	1	7.90	1.10	1.00	8.69	
	Ch.7.9 to 12.0m	1	4.10	1.10	1.00	4.51	
	Ch.12.0 to 17.0m	1	5.00	1.10	1.00	5.50	
	Ch.17.0 to 28.9m	1	11.90	1.10	1.05	13.74	
	Ch.28.9 to 35.1m	1	6.20	1.10	1.05	7.16	
	Ch.35.1 to 47.8m	1	12.70	1.10	1.05	14.67	
	Ch.47.8 to 60.3m	1	12.50	1.10	1.05	14.44	
	Ch.60.3 to 71.2m	1	10.90	1.10	1.05	12.59	
	Ch.71.2 to 77.9m	1	6.70	1.10	1.05	7.74	
	Ch.77.9 to 83.9m	1	6.00	1.10	1.05	6.93	
	Ch.83.9 to 93.2m	1	9.30	1.10	1.05	10.74	
	Ch.93.2 to 108.7m	1	15.50	1.10	1.00	17.05	
	Ch.108.7 to 119.4m	1	10.70	1.10	1.00	11.77	



ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ, ಅಭಿವೃದ್ಧಿ
ಯೋಜನೆ ಮತ್ತು ಸಮೀಕ್ಷಣೆ
ಆರ್.ಎಂ.ಎ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	RHS	1	4.20	1.10	1.00	4.62	
		1	4.90	1.10	1.00	5.39	
	culverts						
	house no 11	1	10.30	1.50	1.20	18.54	
		1	10.50	1.50	1.20	18.90	
	for rain water harvesting pits 3.14 x 0.90 x 0.90 / 4 = 0.63 x 2.00 = 1.14 x 3 = 4.30cum					4.30	
Total Quantity						5162.56	Cum

Ramrajesh,
Assistant Engineer



Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಧೀನದಲ್ಲಿ
ಯಲಹಳ್ಳಿ, ಬೆಂಗಳೂರು-106
ಜಿ.ಜಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel, AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item	Description of Item	No	Length	Breadth	Depth	Qty	Unit
2	Filling in Foundation with Granite/trap broken metal 100mm and down size, with approved sand including hand picking, ramming, watering, including cost of al material and labour with leads up to 50m and lift 1.5m complete as per specification. Data Rate.						
	AMS Layout						
	a) 40mm jelly	16	0.31	0.40		1.98	
	b) 20mm jelly	16	0.31	0.40		1.98	
	c) Coarse sand	16	0.31	0.30		1.49	
	d) Fine Sand	16	0.31	0.20		0.99	
	e) 12.5mm chips	16	0.31	0.20		0.99	
	Brundavan layout						
	a) 40mm jelly	8	0.31	0.40		0.99	
	b) 20mm jelly	8	0.31	0.40		0.99	
	c) Coarse sand	8	0.31	0.30		0.74	
	d) Fine Sand	8	0.31	0.20		0.50	
	e) 12.5mm chips	8	0.31	0.20		0.50	
	GKVK Layout						
	a) 40mm Jelly						
	for rain water harvesting pits $3.14 \times 0.90 \times 0.90 / 4 = 0.63 \times 0.45 = x 3 = 0.85$					0.85	
	b) 20 mm jelly						
	for rain water harvesting pits $3.14 \times 0.90 \times 0.90 / 4 = 0.63 \times 0.45 = x 3 = 0.85$					0.85	
	c) coarse sand						
	for rain water harvesting pits $3.14 \times 0.90 \times 0.90 / 4 = 0.63 \times 0.30 = x 3 = 0.56$					0.56	
	d) Fine sand						
	for rain water harvesting pits $3.14 \times 0.90 \times 0.90 / 4 = 0.63 \times 0.25 = x 3 = 0.47$					0.47	
	e) 12.5mm chips						
	for rain water harvesting pits $3.14 \times 0.90 \times 0.90 / 4 = 0.63 \times 0.30 = x 3 = 0.56$					0.56	
	Total Quantity 2					3.83	Cum
	Total Quantity 3					3.83	Cum
	Total Quantity 4					2.80	Cum
	Total Quantity 5					1.96	Cum
	Total Quantity 6					2.05	Cum

Contractor



Ramangeerze
Assistant Engineer

ಕಾರ್ಯದ ಕಾರ್ಯದಾತರ ಅಧಿಕಾರದ
ಯಲ್ಲದೇ ಬೃಹತ್ ನಿರ್ಮಾಣ,
ಬಿ.ಬಿ.ಎಂ.ಎ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
7	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-995 with latest amendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasting the pipe around to a depth of not less than 15cms. with soft gravel or selected earth available from the excavation, testing and commissioning the rate complete as per specification. HDPE grade PE80-PN6.0, 630 mm dia.						
	AMS Layout						
	0.63m dia HDPE Perforated	16.00	1.80			28.80	
	Brundavan layout						
	0.63m dia HDPE Perforated	8.00	1.80			14.40	
	GKV Layout						
	0.63m dia HDPE Perforated	3.00	2.00			6.00	
	0.63m dia HDPE Perforated	4.00	2.00			8.00	
Total Quantity						57.20	m

Contractor



Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ-ಅಭಿಯಂತರರು
Ass. Engineer
ಯಲಹಂಕಿ ಉಪವಿಭಾಗ
ಇ.ಬಿ.ಎಂ.ಡಿ. ಬೆಂಗಳೂರು-56

Name of Work: Comprehensive Development of roads and drains at Deo Marvel, AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	Providing of Geonets for rain water harvesting pit on top of the filter media as specified indrawings or as approved by engineer incharge						
	AMS Layout						
	Geonets	16	0.31			4.96	
	Brundavan layout						
	Geonets	8	0.31			2.48	
	GKVK Layout						
	Geonets	3	0.63			1.89	
Total Quantity						9.33	Sqm

Contractor



Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಭಿಯಂತರರು
ಯಲಹಂಕೆ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-105

Name of Work: Comprehensive Development of roads and drains at Deo Marvel, AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
9	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregates 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including cost of materials, labour, HOM completed as per specifications.						
	New CC Drain						
	Swagat Layout						
	5th Cross Road						
	RHS						
	Ch.0.00 to 12.0m	1	12.00	1.10	0.15	1.98	
	Ch.12.0 to 30.0m	1	18.00	1.10	0.15	2.97	
	Ch.30.0 to 35.5m	1	5.50	1.10	0.15	0.91	
	Ch.35.5 to 38.8m	1	3.30	1.10	0.15	0.54	
	Ch.38.8 to 68.5m	1	29.70	1.10	0.15	4.90	
	Ch.68.5 to 74.2m	1	5.70	1.10	0.15	0.94	
	Ch.74.2 to 104.2m	1	30.00	1.10	0.15	4.95	
	Ch.104.2 to 110.7m	1	6.50	1.10	0.15	1.07	
	Road Gap						
	Ch.110.7 to 120m	1	9.30	1.10	0.15	1.53	
	Ch.120.0 to 137.3m	1	17.30	1.10	0.15	2.85	
	Ch.137.3 to 146m	1	8.70	1.10	0.15	1.44	
	Ch.146 to 161.2m	1	15.20	1.10	0.15	2.51	
	Ch.161.2 to 172.8m	1	11.60	1.10	0.15	1.91	
	Ch.172.8 to 178.6m	1	5.80	1.10	0.15	0.96	
	Ch.178.6 to 182.2m	1	3.60	1.10	0.15	0.59	
	Ch.182.2 to 212.2m	1	30.00	1.10	0.15	4.95	
	Ch.212.2 to 217.6m	1	5.40	1.10	0.15	0.89	
	Ch.217.6 to 227m	1	9.40	1.10	0.15	1.55	
	Ch.227 to 257m	1	30.00	1.10	0.15	4.95	
	Ch.257 to 260.7m	1	3.70	1.10	0.15	0.61	
	4th Cross Road						
	RHS						
	Ch.0.00 to 30.0m	1	30.00	1.10	0.15	4.95	
	Ch.30.0 to 58.3m	1	28.30	1.10	0.15	4.67	
	Ch.58.3 to 67.3m	1	9.00	1.10	0.15	1.49	
	Ch.67.3 to 76.6m	1	9.30	1.10	0.15	1.53	
	Ch.76.6 to 88.7m	1	12.10	1.10	0.15	2.00	
	Ch.88.7 to 100.2m	1	11.50	1.10	0.15	1.90	
	Ch.100.2 to 108.5m	1	8.30	1.10	0.15	1.37	
	Ch.108.5 to 118.2m	1	9.70	1.10	0.15	1.60	



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧೀನಾಧಿಕಾರಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
೧೨.೧೦.೨೦, ಬೆಂಗಳೂರು-೫೬೦೦೧೨

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	2nd main road Professer shivarudrayya house LHS	1	30.00	1.10	0.10	3.30	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.10	3.30	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.10	3.30	
		1	30.00	1.10	0.15	4.95	
		1	11.50	1.10	0.15	1.90	
	RHS	1	25.00	1.10	0.15	4.13	
		1	23.70	1.10	0.15	3.91	
		1	23.70	1.10	0.15	3.91	
		1	30.00	1.10	0.15	4.95	
		1	13.00	1.10	0.15	2.15	
		1	10.30	1.10	0.15	1.70	
	2nd cross narayanappa layout LHS	1	30.00	1.10	0.15	4.95	
		1	3.00	1.10	0.10	0.33	
	RHS	1	4.20	1.10	0.15	0.69	
		1	4.90	1.10	0.15	0.81	
	culverts						
	house no 11	1	10.30	1.50	0.15	2.32	
		1	10.50	1.50	0.15	2.36	
Total Quantity						810.20	Cum

Contractor



Ramangaraj
Assistant Engineer

Ganesh
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕೆ ಉಪನಗರ ಪಂಚಾಯತ್.
೨೨.೧೦.೨೦. ಬೆಂಗಳೂರು-೧೦೬

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
10	Providing and laying plain/reinforced cement concrete for side drains walls and bottom raft thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates 0.43 cum machinacally mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinery, curing, etc., completed as per MORTH specifications.						
	New CC Drain						
	Raft						
	Swagat Layout						
	5th Cross Road						
	RHS						
	Ch.0.00 to 12.0m	1	12.00	0.90	0.15	1.62	
	Ch.12.0 to 30.0m	1	18.00	0.90	0.15	2.43	
	Ch.30.0 to 35.5m	1	5.50	0.90	0.15	0.74	
	Ch.35.5 to 38.8m	1	3.30	0.90	0.15	0.45	
	Ch.38.8 to 68.5m	1	29.70	0.90	0.15	4.01	
	Ch.68.5 to 74.2m	1	5.70	0.90	0.15	0.77	
	Ch.74.2 to 104.2m	1	30.00	0.90	0.15	4.05	
	Ch.104.2 to 110.7m	1	6.50	0.90	0.15	0.88	
	Road Gap						
	Ch.110.7 to 120m	1	9.30	0.90	0.15	1.26	
	Ch.120.0 to 137.3m	1	17.30	0.90	0.15	2.34	
	Ch.137.3 to 146m	1	8.70	0.90	0.15	1.17	
	Ch.146 to 161.2m	1	15.20	0.90	0.15	2.05	
	Ch.161.2 to 172.8m	1	11.60	0.90	0.15	1.57	
	Ch.172.8 to 178.6m	1	5.80	0.90	0.15	0.78	
	Ch.178.6 to 182.2m	1	3.60	0.90	0.15	0.49	
	Ch.182.2 to 212.2m	1	30.00	0.90	0.15	4.05	
	Ch.212.2 to 217.6m	1	5.40	0.90	0.15	0.73	
	Ch.217.6 to 227m	1	9.40	0.90	0.15	1.27	
	Ch.227 to 257m	1	30.00	0.90	0.15	4.05	
	Ch.257 to 260.7m	1	3.70	0.90	0.15	0.50	
	4th Cross Road						
	RHS						
	Ch.0.00 to 30.0m	1	30.00	0.90	0.15	4.05	
	Ch.30.0 to 58.3m	1	28.30	0.90	0.15	3.82	
	Ch.58.3 to 67.3m	1	9.00	0.90	0.15	1.22	
	Ch.67.3 to 76.6m	1	9.30	0.90	0.15	1.26	
	Ch.76.6 to 88.7m	1	12.10	0.90	0.15	1.63	



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ, ಜಿಲ್ಲೆಯಂತರದ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		2	23.70	0.15	0.70	4.98	
		2	23.70	0.15	0.70	4.98	
		2	30.00	0.15	0.70	6.30	
		2	13.00	0.15	0.70	2.73	
		2	10.30	0.15	0.75	2.32	
	2nd cross narayanappa layout LHS	2	30.00	0.15	0.75	6.75	
		2	3.00	0.15	0.75	0.68	
	RHS	2	4.20	0.15	0.75	0.95	
		2	4.90	0.15	0.75	1.10	
	culverts						
	house no 11	2	10.30	0.30	0.80	4.94	
		2	10.50	0.30	0.80	5.04	
Total Quantity						1493.68	Cum

Contractor



Ramrajesh

Assistant Engineer

ಯಲಹಚ್ಚುಮಠದಲ್ಲಿ ಸ್ಥಳೀಯ
ಇ.ಇ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of Roads and drains at Deo Marvel, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
11	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disgn (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.						
	Swagat Layout						
	5th cross Road						
	Total drain length=260.7m						
	Main bar 10mm dia bar @ 130mm						
	0.60kg/mtr						
	No of U-bar=2005.00Nos	2005	2.15		0.60	2586.95	
	Distribution bar						
	Distribution bar 08mm dia @ 150mm						
	0.60kg/mtr	16	260.7		0.60	2502.72	
	4th Cross Road						
	Total drain length=407.8m						
	Main bar 10mm dia bar @ 130mm						
	0.60kg/mtr						
	No of U-bar=3137.00Nos	3137	2.15		0.60	4046.63	
	Distribution bar						
	Distribution bar 08mm dia @ 150mm						
	0.60kg/mtr	16	407.8		0.60	3914.88	
	Road Connecting 4th & 5th Cross						
	Total drain length=50.0m						
	Main bar 10mm dia bar @ 130mm						
	0.60kg/mtr						
	No of U-bar=385.00Nos	385	2.15		0.60	496.15	
	Distribution bar						
	Distribution bar 08mm dia @ 150mm						
	0.60kg/mtr	16	50		0.60	480.00	
	Akashavani Layout						
	2nd Cross Road						
	Total drain length=196.0m						
	Main bar 10mm dia bar @ 130mm						
	0.60kg/mtr						
	No of U-bar=1508.00Nos	1508	2.15		0.60	1944.92	
	Distribution bar						
	Distribution bar 08mm dia @ 150mm						
	0.60kg/mtr	16	196		0.60	1881.60	
	Venugopal Layout						
	4th Cross Road						



ನಕಾಯಕ ಕಾರ್ಯವಿಭಾಗದ ಅಧ್ಯಯನಕರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
16	KSRRB300-14. Excavation for roads in all types of soil by mechanical means including cutting and loadind to tipplers, trimming bottom and side slopes in accordance with requirements of lines, grade and cross sections, and transportation with lead of 1.00 Km and complete as per specifications.						
	Duo Marvel Layout						
	New Formation						
	1st Main Road						
	Ch.0.00 to 30.0m	1	30.00	7.20	0.23	49.68	
	Ch.30.0 to 42.7m	1	12.70	6.80	0.23	19.86	
	Ch.42.7 to 50.9m	1	8.20	4.50	0.23	8.49	
	Ch.50.9 to 80.9m	1	30.00	6.80	0.23	46.92	
	Ch.80.9 to 98.1m	1	17.20	6.80	0.23	26.90	
	1st 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	8.10	0.23	55.89	
	Ch.30.0 to 60.0m	1	30.00	8.25	0.23	56.93	
	Ch.60.0 to 90.0m	1	30.00	8.30	0.23	57.27	
	Ch.90.0 to 120.0m	1	30.00	8.15	0.23	56.24	
	Ch.120.0 to 135.0m	1	15.00	8.20	0.23	28.29	
	2nd 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.50	0.23	37.95	
	Ch.30.0 to 40.0m	1	7.00	5.50	0.23	8.86	
	3rd 'A' Cross Road						
	Ch.0.00 to 4.0m	1	4.00	6.00	0.23	5.52	
	Ch.4.0 to 34.0m	1	30.00	4.50	0.23	31.05	
	Ch.34.0 to 37.0m	1	3.00	4.50	0.23	3.11	
	4th 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.00	0.23	48.30	
	Ch.30.0 to 35.0m	1	5.00	7.30	0.23	8.40	
	1st Cross Road						
	Ch.0.00 to 4.0m	1	4.00	5.80	0.23	5.34	
	Ch.4.00 to 34.0m	1	30.00	4.90	0.23	33.81	
	Ch.34.0 to 64.0m	1	30.00	4.90	0.23	33.81	
	Ch.64.0 to 94.0m	1	30.00	5.20	0.23	35.88	
	Ch.94.0 to 116.8m	1	22.80	5.00	0.23	26.22	
	2nd Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.70	0.23	53.13	
	Ch.30.0 to 60.0m	1	30.00	7.80	0.23	53.82	
	Ch.60.0 to 90.0m	1	30.00	7.90	0.23	54.51	
	Ch.90.0 to 120.0m	1	30.00	7.80	0.23	53.82	
	Ch.120.0 to 129.0m	1	9.00	7.80	0.23	16.15	
	2nd Main Road						
	Ch.0.00 to 30.0m	1	30.00	4.95	0.23	34.16	



ಸಹಾಯಕ ಮುಖ್ಯಮಂತ್ರಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	(1.6+1.7)/2	0.10	4.95	
		1	30.00	(1.6+1.5)/2	0.10	4.65	
		1	20.50	(1.5+1.5)/2	0.10	3.08	
		1	10.70	(1.5+1.6)/2	0.10	1.66	
	cross roads towards Allalsandra	1	30.00	(1.5+1.6)/2	0.10	4.65	
		1	5.00	(1.6+1.7)/2	0.10	0.83	
	3rd main road	1	30.00	(1.7+1.6)/2	0.10	4.95	
		1	30.00	(1.6+1.7)/2	0.10	4.95	
		1	12.00	(1.6+1.5)/2	0.10	1.86	
	2nd main road	1	30.00	(1.5+1.5)/2	0.10	4.50	
		1	30.00	(1.5+1.6)/2	0.10	4.65	
		1	30.00	(1.6+1.7)/2	0.10	4.95	
		1	30.00	(1.7+1.6)/2	0.10	4.95	
		1	30.00	(1.6+1.7)/2	0.10	4.95	
		1	30.00	(1.6+1.5)/2	0.10	4.65	
		1	16.30	(1.5+1.5)/2	0.10	2.45	
Total Quantity						5541.27	Cum

Pat
Contractor



Rameshjeeva
Assistant Engineer

Kaulin
Asst. Executive Engineer
ಯಲಹರಿಕೆ ಉಪನಿರ್ದೇಶಕರು
ಜಿ.ಐ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-108

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
17	KSRRB 300-46. Scarifying by mechanical means stone metal crust 50mm-100mm thick by along with 20mm premix carpet/ surface dresseing and stacking of old servicable materials including cost of all labours charge, HOM complete as per specifications.						
	Scarifying Roads						
	Maruthi Nagar						
	1st cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.10		153.00	
	Ch.30.0 to 60.0m	1	30.00	5.40		162.00	
	Ch.60.0 to 90.0m	1	30.00	5.40		162.00	
	Ch.90.0 to 110.2m	1	20.20	5.30		107.06	
	4th Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.60		168.00	
	Ch.30.0 to 60.0m	1	30.00	5.60		168.00	
	Ch.60.0 to 90.0m	1	30.00	5.45		163.50	
	Ch.90.0 to 120.0m	1	30.00	5.35		160.50	
	Ch.120.0 to 125.0m	1	5.00	5.50		27.50	
	3rd Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.55		166.50	
	Ch.30.0 to 60.0m	1	30.00	5.65		169.50	
	Ch.60.0 to 90.0m	1	30.00	5.60		168.00	
	Ch.90.0 to 120.0m	1	30.00	5.40		162.00	
	Ch.120.0 to 150.0m	1	30.00	5.30		159.00	
	Ch.150.0 to 169.3m	1	19.30	5.50		106.15	
	Ambabhavani layout						
	Main Road						
	Ch.0.00 to 30.0m	1	30.00	5.70		171.00	
	Ch.30.0 to 60.0m	1	30.00	5.60		168.00	
	Ch.60.0 to 90.0m	1	30.00	5.70		171.00	
	Ch.90.0 to 120.0m	1	30.00	5.20		156.00	
	Ch.120.0 to 150.0m	1	30.00	5.30		159.00	
	Ch.150 to 180.0m	1	30.00	5.35		160.50	
	Ch.180.0 to 210.0m	1	30.00	5.40		162.00	
	Ch.210.0 to 240.0m	1	30.00	5.60		168.00	
	Ch.240.0 to 270.0m	1	30.00	5.55		166.50	
	Ch.270.0 to 300.0m	1	30.00	5.60		168.00	
	Ch.300.0 to 310.0m	1	10.00	5.50		55.00	
	7th Cross Road						
	Ch.0.00 to 30.0m	1	30.00	3.50		105.00	
	Ch.30.0 to 60.0m	1	30.00	3.65		109.50	
	Ch.60.0 to 90.0m	1	30.00	3.45		103.50	
	Ch.90.0 to 120.0m	1	30.00	3.50		105.00	
	Ch.120.0 to 150.0m	1	30.00	3.40		102.00	



Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch.150 to 180.0m	1	30.00	3.50		105.00	
	Ch.180.0 to 189.0m	1	9.00	3.50		31.50	
	8th Cross Road						
	Ch.0.00 to 30.0m	1	30.00	3.90		117.00	
	Ch.30.0 to 60.0m	1	30.00	4.00		120.00	
	Ch.60.0 to 90.0m	1	30.00	4.00		120.00	
	Ch.90.0 to 120.0m	1	30.00	4.20		126.00	
	Ch.120.0 to 150.0m	1	30.00	3.65		109.50	
	Ch.150 to 180.0m	1	30.00	3.65		109.50	
	Ch.180.0 to 185.0m	1	5.00	3.90		19.50	
	Chowdappa Layout						
	Ch.0.00 to 30.0m	1	30.00	4.95		148.50	
	Ch.30.0 to 60.0m	1	30.00	4.70		141.00	
	Ch.60.0 to 90.0m	1	30.00	4.85		145.50	
	Ch.90.0 to 120.0m	1	30.00	4.70		141.00	
	Ch.120.0 to 150.0m	1	30.00	4.90		147.00	
	Ch.150.0 to 180.0m	1	30.00	4.70		141.00	
	Ch.180.0 to 196.7m	1	16.70	4.80		80.16	
	Ch.196.7 to 232.0m	1	35.30	4.80		169.44	
	GKVK Layout						
	4th main road house no 13	1	30.00	(4.9+5.5)/2		156.00	
		1	30.00	(5.5+6.7)/2		183.00	
		1	30.00	(6.7+4.9)/2		174.00	
		1	24.00	(4.9+5.0)/2		118.80	
Total Quantity						7036.11	Sqm

Contractor



Assistant Engineer

Signature of Assistant Engineer

Asst. Executive Engineer.
ಬಿ.ಬಿ.ಎಂ.ಎ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel, AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
18	KSRRB 300-58. Compacting original Groung with maximum of 6 Passes of 8-10 tonnes power roller including filling in depression occuring during rolling including cost of all labours, HOM of machinary complete as per specifications.						
	New Formation						
	Brindavan Layout						
	1st Main road						
	Ch.0.00 to 30.0m	1	30.00	5.50		165.00	
	Ch.30.0 to 60.0m	1	30.00	5.35		160.50	
	Ch.60.0 to 90.0m	1	30.00	5.35		160.50	
	Ch.90.0 to 120.0m	1	30.00	5.30		159.00	
	Ch.120.0 to 150.0m	1	30.00	5.50		165.00	
	Ch.150.0 to 164.5m	1	14.50	5.40		78.30	
	Ch.164.5 to 179.3m	1	14.80	5.40		79.92	
	2nd Main road						
	Ch.0.00 to 30.0m	1	30.00	6.40		192.00	
	Ch.30.0 to 60.0m	1	30.00	6.45		193.50	
	Ch.60.0 to 90.0m	1	30.00	6.60		198.00	
	Ch.90.0 to 120.0m	1	30.00	6.65		199.50	
	Ch.120.0 to 150.0m	1	30.00	6.40		192.00	
	Ch.150.0 to 175.8m	1	25.80	6.50		167.70	
	1st Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.40		162.00	
	Ch.30.0 to 60.0m	1	30.00	5.60		168.00	
	Ch.60.0 to 84.5m	1	24.50	5.50		134.75	
	1st 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.50		165.00	
	Ch.30.0 to 31.0m	1	1.00	5.50		5.50	
	Road Gap						
	Ch.31.0 to 56.2m	1	25.20	5.50		138.60	
	Cross Road -2						
	Ch.0.00 to 30.0m	1	30.00	6.40		192.00	
	Ch.30.0 to 60.0m	1	30.00	6.35		190.50	
	Ch.60.0 to 90.0m	1	30.00	6.55		196.50	
	Ch.90.0 to 120.0m	1	30.00	6.60		198.00	
	Ch.120.0 to 150.0m	1	30.00	6.60		198.00	
	Ch.150.0 to 152.0m	1	2.00	6.50		13.00	
	Balaji Layout						
	6th Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.40		162.00	
	Ch.30.0 to 60.0m	1	30.00	5.60		168.00	
	Ch.60.0 to 84.5m	1	24.50	5.50		134.75	
	10th Cross Road						

[Signature]



ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ, ಅಭಿವೃದ್ಧಿ
ಯಲಕಂಠ ಉಪನಗರ, ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch.0.00 to 30.0m	1	30.00	4.50		135.00	
	2nd Main road						
	Ch.0.00 to 30.0m	1	30.00	5.45		163.50	
	Ch.30.0 to 60.0m	1	30.00	5.55		166.50	
	Ch.60.0 to 90.0m	1	30.00	5.40		162.00	
	Ch.90.0 to 120.0m	1	30.00	5.60		168.00	
	Ch.120.0 to 140.0m	1	20.00	5.50		110.00	
	13th Cross Road						
	Ch.0.00 to 28.0m	1	28.00	5.50		154.00	
	12th Cross Road						
	Ch.0.00 to 28.0m	1	28.00	5.50		154.00	
	11th Cross Road						
	Ch.0.00 to 25.0m	1	25.00	5.50		137.50	
Total Quantity						10746.99	Sqm

Contractor



Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧ್ಯಯಂತರ
ಯಲಕರ್ತೃಗಳಿಗಾಗಿ
ಇ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
19	Construction of granular sub-base Grading -V as sub base and drainage layer by providing coarse graded crushed aggregates of Granite/trap/basalt materials, mixing in a mechanical mix plant at OMC Carriage of mixed materials to work site, spreading in unifoem layers with mortor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density complete as per specifications Clause 401 of MORTH V revision.						
	Duo Marvel Layout						
	New Formation						
	1st Main Road						
	Ch.0.00 to 30.0m	1	30.00	7.20	0.15	32.40	
	Ch.30.0 to 42.7m	1	12.70	6.80	0.15	12.95	
	Ch.42.7 to 50.9m	1	8.20	4.50	0.15	5.54	
	Ch.50.9 to 80.9m	1	30.00	6.80	0.15	30.60	
	Ch.80.9 to 98.1m	1	17.20	6.80	0.15	17.54	
	1st 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	8.10	0.15	36.45	
	Ch.30.0 to 60.0m	1	30.00	8.25	0.15	37.13	
	Ch.60.0 to 90.0m	1	30.00	8.30	0.15	37.35	
	Ch.90.0 to 120.0m	1	30.00	8.15	0.15	36.68	
	Ch.120.0 to 135.0m	1	15.00	8.20	0.15	18.45	
	2nd 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.50	0.15	24.75	
	Ch.30.0 to 40.0m	1	7.00	5.50	0.15	5.78	
	3rd 'A' Cross Road						
	Ch.0.00 to 4.0m	1	4.00	6.00	0.15	3.60	
	Ch.4.0 to 34.0m	1	30.00	4.50	0.15	20.25	
	Ch.34.0 to 37.0m	1	3.00	4.50	0.15	2.03	
	4th 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.00	0.15	31.50	
	Ch.30.0 to 35.0m	1	5.00	7.30	0.15	5.48	
	1st Cross Road						
	Ch.0.00 to 4.0m	1	4.00	5.80	0.15	3.48	
	Ch.4.00 to 34.0m	1	30.00	4.90	0.15	22.05	
	Ch.34.0 to 64.0m	1	30.00	4.90	0.15	22.05	
	Ch.64.0 to 94.0m	1	30.00	5.20	0.15	23.40	
	Ch.94.0 to 116.8m	1	22.80	5.00	0.15	17.10	
	2nd Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.70	0.15	34.65	
	Ch.30.0 to 60.0m	1	30.00	7.80	0.15	35.10	
	Ch.60.0 to 90.0m	1	30.00	7.90	0.15	35.55	
	Ch.90.0 to 120.0m	1	30.00	7.80	0.15	35.10	
	Ch.120.0 to 129.0m	1	9.00	7.80	0.15	10.53	

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ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ-ಅಭಿವೃದ್ಧಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch.180.0 to 185.0m	1	5.00	1.20	0.15	0.90	
	Chowdappa Layout						
	Ch.0.00 to 30.0m	1	30.00	6.20	0.15	27.90	
	Ch.30.0 to 60.0m	1	30.00	5.90	0.15	26.55	
	Ch.60.0 to 90.0m	1	30.00	5.90	0.15	26.55	
	Ch.90.0 to 120.0m	1	30.00	5.80	0.15	26.10	
	Ch.120.0 to 150.0m	1	30.00	6.10	0.15	27.45	
	Ch.150.0 to 180.0m	1	30.00	6.10	0.15	27.45	
	Ch.180.0 to 196.7m	1	16.70	6.00	0.15	15.03	
	Ch.196.7 to 232.0m	1	35.30	6.90	0.15	36.54	
	GKVK layout 5th main house no 7						
		1	30.00	(1.5+1.6)/2	0.15	6.98	
		1	22.00	(1.6+1.5)/2	0.15	5.12	
	1st cross No 11	1	15.60	(1.5+1.4)/2	0.15	3.39	
		1	24.20	(1.4+1.5)/2	0.15	5.26	
		1	30.00	(1.5+1.6)/2	0.15	6.98	
		1	30.00	(1.6+1.7)/2	0.15	7.43	
		1	30.00	(1.7+1.6)/2	0.15	7.43	
		1	30.00	(1.6+1.7)/2	0.15	7.43	
		1	30.00	(1.6+1.5)/2	0.15	6.98	
		1	20.50	(1.5+1.5)/2	0.15	4.61	
	4th main road house no 13	1	10.70	(1.5+1.6)/2	0.15	2.49	
		1	30.00	(4.9+5.5)/2	0.15	23.40	
		1	30.00	(5.5+6.7)/2	0.15	27.45	
		1	30.00	(6.7+4.9)/2	0.15	26.10	
		1	30.00	(4.9+5.0)/2	0.15	22.28	
	Cross Roads towards Allalsandra	1	10.90	(1.5+1.5)/2	0.10	1.64	
		1	30.00	(1.5+1.6)/2	0.15	6.98	
	3rd main road	1	5.00	(1.6+1.7)/2	0.15	1.24	
		1	30.00	(1.7+1.6)/2	0.15	7.43	
		1	30.00	(1.6+1.7)/2	0.15	7.43	
Total Quantity						3721.97	Cum

Contractor



Assistant Engineer

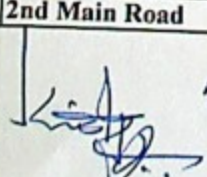
Asst. Executive Engineer
ಯಲಕರಕೆ ಹೆಬ್ಬಾಳೆ ರಸ್ತೆಬೋರ್ಡ್,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

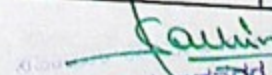
Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
20	KSRRB M400-17. Providing ,laying, spreading and compacting crushed stone aggregates of granite/trap/ basalt to wet mix Macadam specifications including pre mixing materials with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.						
	Duo Marvel Layout						
	New Formation						
	1st Main Road						
	Ch.0.00 to 30.0m	1	30.00	7.20	0.23	49.68	
	Ch.30.0 to 42.7m	1	12.70	6.80	0.23	19.86	
	Ch.42.7 to 50.9m	1	8.20	4.50	0.23	8.49	
	Ch.50.9 to 80.9m	1	30.00	6.80	0.23	46.92	
	Ch.80.9 to 98.1m	1	17.20	6.80	0.23	26.90	
	1st 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	8.10	0.23	55.89	
	Ch.30.0 to 60.0m	1	30.00	8.25	0.23	56.93	
	Ch.60.0 to 90.0m	1	30.00	8.30	0.23	57.27	
	Ch.90.0 to 120.0m	1	30.00	8.15	0.23	56.24	
	Ch.120.0 to 135.0m	1	15.00	8.20	0.23	28.29	
	2nd 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.50	0.23	37.95	
	Ch.30.0 to 40.0m	1	7.00	5.50	0.23	8.86	
	3rd 'A' Cross Road						
	Ch.0.00 to 4.0m	1	4.00	6.00	0.23	5.52	
	Ch.4.0 to 34.0m	1	30.00	4.50	0.23	31.05	
	Ch.34.0 to 37.0m	1	3.00	4.50	0.23	3.11	
	4th 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.00	0.23	48.30	
	Ch.30.0 to 35.0m	1	5.00	7.30	0.23	8.40	
	1st Cross Road						
	Ch.0.00 to 4.0m	1	4.00	5.80	0.23	5.34	
	Ch.4.00 to 34.0m	1	30.00	4.90	0.23	33.81	
	Ch.34.0 to 64.0m	1	30.00	4.90	0.23	33.81	
	Ch.64.0 to 94.0m	1	30.00	5.20	0.23	35.88	
	Ch.94.0 to 116.8m	1	22.80	5.00	0.23	26.22	
	2nd Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.70	0.23	53.13	
	Ch.30.0 to 60.0m	1	30.00	7.80	0.23	53.82	
	Ch.60.0 to 90.0m	1	30.00	7.90	0.23	54.51	
	Ch.90.0 to 120.0m	1	30.00	7.80	0.23	53.82	
	Ch.120.0 to 129.0m	1	9.00	7.80	0.23	16.15	
	2nd Main Road						





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Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
21	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 KG/Sqm using mechanical means complete as per specifications and as per directions of the engineer in charge of the work.						
	Duo Marvel Layout						
	New Formation						
	1st Main Road						
	Ch.0.00 to 30.0m	1	30.00	7.20		216.00	
	Ch.30.0 to 42.7m	1	12.70	6.80		86.36	
	Ch.42.7 to 50.9m	1	8.20	4.50		36.90	
	Ch.50.9 to 80.9m	1	30.00	6.80		204.00	
	Ch.80.9 to 98.1m	1	17.20	6.80		116.96	
	1st 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	8.10		243.00	
	Ch.30.0 to 60.0m	1	30.00	8.25		247.50	
	Ch.60.0 to 90.0m	1	30.00	8.30		249.00	
	Ch.90.0 to 120.0m	1	30.00	8.15		244.50	
	Ch.120.0 to 135.0m	1	15.00	8.20		123.00	
	2nd 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.50		165.00	
	Ch.30.0 to 40.0m	1	7.00	5.50		38.50	
	3rd 'A' Cross Road						
	Ch.0.00 to 4.0m	1	4.00	6.00		24.00	
	Ch.4.0 to 34.0m	1	30.00	4.50		135.00	
	Ch.34.0 to 37.0m	1	3.00	4.50		13.50	
	4th 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.00		210.00	
	Ch.30.0 to 35.0m	1	5.00	7.30		36.50	
	1st Cross Road						
	Ch.0.00 to 4.0m	1	4.00	5.80		23.20	
	Ch.4.00 to 34.0m	1	30.00	4.90		147.00	
	Ch.34.0 to 64.0m	1	30.00	4.90		147.00	
	Ch.64.0 to 94.0m	1	30.00	5.20		156.00	
	Ch.94.0 to 116.8m	1	22.80	5.00		114.00	
	2nd Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.70		231.00	
	Ch.30.0 to 60.0m	1	30.00	7.80		234.00	
	Ch.60.0 to 90.0m	1	30.00	7.90		237.00	
	Ch.90.0 to 120.0m	1	30.00	7.80		234.00	
	Ch.120.0 to 129.0m	1	9.00	7.80		70.20	
	2nd Main Road						
	Ch.0.00 to 30.0m	1	30.00	4.95		148.50	



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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	10.70	(1.5+1.6)/2		16.59	
	4th main road house no 13	1	30.00	(4.9+5.5)/2		156.00	
		1	30.00	(5.5+6.7)/2		183.00	
		1	30.00	(6.7+4.9)/2		174.00	
		1	30.00	(4.9+5.0)/2		148.50	
	cross roads towards Allalsandra	1	10.90	(1.5+1.5)/2		16.35	
		1	30.00	(1.5+1.6)/2		46.50	
	3rd main road	1	5.00	(1.6+1.7)/2		8.25	
		1	30.00	(1.7+1.6)/2		49.50	
		1	30.00	(1.6+1.7)/2		49.50	
	2nd main road	1	12.00	(1.6+1.5)/2		18.60	
		1	30.00	(1.5+1.5)/2		45.00	
		1	30.00	(1.5+1.6)/2		46.50	
		1	30.00	(1.6+1.7)/2		49.50	
		1	30.00	(1.7+1.6)/2		49.50	
		1	30.00	(1.6+1.7)/2		49.50	
		1	30.00	(1.6+1.5)/2		46.50	
	1st cross No 11 LHS	1	16.30	(1.5+1.5)/2		24.45	
		1	16.00	(1.5+1.4)/2		23.20	
		1	22.00	(1.4+1.5)/2		31.90	
Total Quantity						11279.61	Sqm

Contractor



Ramaneerish
Assistant Engineer

Asst. Executive Engineer.
ಬಿ.ಬಿ.ಎಂ.ಬಿ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
22	KSRRB500-2. Cleaning the existing block topped surface with Sqm brooms , soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of all materials, labour,HOM complete as per specifications.						
	Duo Marvel Layout						
	5th Main Road						
	Ch.0.00 to 30.0m	1	30.00	5.20		156.00	
	Ch.30.0 to 60.0m	1	30.00	5.05		151.50	
	Ch.60.0 to 90.0m	1	30.00	5.05		151.50	
	Ch.90.0 to 120.0m	1	30.00	5.15		154.50	
	Ch.120.0 to 150.0m	1	30.00	5.20		156.00	
	Ch.150.0 to 180.0m	1	30.00	5.05		151.50	
	Ch.180.0 to 210.0m	1	30.00	5.05		151.50	
	Ch.210.0 to 240.0m	1	30.00	5.10		153.00	
	Ch.240.0 to 270.0m	1	30.00	5.05		151.50	
	Ch.270.0 to 286.0m	1	16.00	5.10		81.60	
	6th Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.00		150.00	
	Ch.30.0 to 60.0m	1	30.00	5.10		153.00	
	Ch.60.0 to 90.0m	1	30.00	5.20		156.00	
	Ch.90.0 to 100.0m	1	10.00	5.10		51.00	
	7th Cross Road						
	Ch.0.00 to 30.0m	1	30.00	4.85		145.50	
	Ch.30.0 to 60.0m	1	30.00	5.10		153.00	
	Ch.60.0 to 90.0m	1	30.00	5.05		151.50	
	Ch.90.0 to 100.0m	1	10.00	5.00		50.00	
	8th Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.05		151.50	
	Ch.30.0 to 60.0m	1	30.00	5.20		156.00	
	Ch.60.0 to 90.0m	1	30.00	5.05		151.50	
	Ch.90.0 to 100.0m	1	10.00	5.10		51.00	
	9th Cross Road						
	Ch.0.00 to 30.0m	1	30.00	4.90		147.00	
	Ch.30.0 to 60.0m	1	30.00	4.65		139.50	
	Ch.60.0 to 90.0m	1	30.00	4.85		145.50	
	Ch.90.0 to 100.0m	1	10.00	4.80		48.00	
	10th Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.20		156.00	
	Ch.30.0 to 60.0m	1	30.00	5.15		154.50	
	Ch.60.0 to 90.0m	1	30.00	4.95		148.50	
	Ch.90.0 to 100.0m	1	10.00	5.10		51.00	
	11th Cross Road						



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ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch.0.00 to 30.0m	1	30.00	5.00		150.00	
	Ch.30.0 to 60.0m	1	30.00	5.10		153.00	
	Ch.60.0 to 90.0m	1	30.00	5.20		156.00	
	Ch.90.0 to 100.0m	1	10.00	5.10		51.00	
	12th Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.30		159.00	
	Ch.30.0 to 60.0m	1	30.00	5.00		150.00	
	Ch.60.0 to 90.0m	1	30.00	5.00		150.00	
	Ch.90.0 to 100.0m	1	10.00	5.10		51.00	
	13th Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.00		150.00	
	Ch.30.0 to 60.0m	1	30.00	5.15		154.50	
	Ch.60.0 to 90.0m	1	30.00	5.15		154.50	
	Ch.90.0 to 101.1m	1	11.10	5.10		56.61	
	GKVK layout 5th main house no 7	1	30.00	(6.7+6.5)/2		198.00	
	1st cross No 11	1	22.00	(6.5+6.7)/2		145.20	
		1	15.60	(7.6+6.3)/2		108.42	
		1	24.20	(6.3+6.4)/2		153.67	
		1	30.00	(8.2+5.9)/2		211.50	
		1	30.00	(5.9+6.4)/2		184.50	
		1	30.00	(6.4+7.8)/2		213.00	
		1	30.00	(7.8+5.9)/2		205.50	
		1	30.00	(5.9+6.6)/2		187.50	
		1	22.50	(6.6+6.8)/2		150.75	
	cross roads towards Allalsandra	1	10.70	(5.7+5.9)/2		62.06	
		1	30.00	(3.0+3.8)/2		102.00	
	3rd main road	1	5.00	(3.8+3.8)/2		19.00	
		1	30.00	(6.6+6.0)/2		189.00	
		1	30.00	(6.0+7.2)/2		198.00	
	2nd main road	1	12.00	(7.2+6.2)/2		80.40	
		1	30.00	(6.6+7.1)/2		205.50	
		1	6.00	(7.1+7.0)/2		42.30	
Total Quantity						8160.51	Sqm

Contractor



Ramesh Kumar
Assistant Engineer

Asst. Executive Engineer
ಬಿ.ಬಿ.ಎ.ಕೆ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
23	KSRRB 500-7. Providing and applying tack coat using 80/100 grade sqm bitumin(VGIO) in boiler fitted with the spray set distributor at the rate of 0.25KG/Sqm on the existing prepared bituminous (prime surface) clean with the mechanical broom, complete as per specifications.						
	Duo Marvel Layout						
	1st Main Road						
	Ch.0.00 to 30.0m	1	30.00	7.20		216.00	
	Ch.30.0 to 42.7m	1	12.70	6.80		86.36	
	Ch.42.7 to 50.9m	1	8.20	4.50		36.90	
	Ch.50.9 to 80.9m	1	30.00	6.80		204.00	
	Ch.80.9 to 98.1m	1	17.20	6.80		116.96	
	3rd Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.50		225.00	
	Ch.30.0 to 60.0m	1	30.00	7.80		234.00	
	Ch.60.0 to 90.0m	1	30.00	7.80		234.00	
	Ch.90.0 to 120.0m	1	30.00	7.70		231.00	
	Ch.120.0 to 140.4m	1	20.40	7.70		157.08	
	1st 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	8.25		247.50	
	Ch.30.0 to 60.0m	1	30.00	8.10		243.00	
	Ch.60.0 to 90.0m	1	30.00	8.15		244.50	
	Ch.90.0 to 120.0m	1	30.00	8.30		249.00	
	Ch.120.0 to 135.0m	1	15.00	8.20		123.00	
	2nd 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.50		165.00	
	Ch.30.0 to 40.0m	1	7.00	5.50		38.50	
	3rd 'A' Cross Road						
	Ch.0.00 to 4.0m	1	4.00	6.00		24.00	
	Ch.4.0 to 34.0m	1	30.00	4.50		135.00	
	Ch.34.0 to 37.0m	1	3.00	4.50		13.50	
	4th 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.00		210.00	
	Ch.30.0 to 35.0m	1	5.00	7.30		36.50	
	1st Cross Road						
	Ch.0.00 to 4.0m	1	4.00	5.80		23.20	
	Ch.4.00 to 34.0m	1	30.00	4.90		147.00	
	Ch.34.0 to 64.0m	1	30.00	5.10		153.00	
	Ch.64.0 to 94.0m	1	30.00	5.00		150.00	
	Ch.94.0 to 116.8m	1	22.80	5.00		114.00	
	2nd Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.70		231.00	
	Ch.30.0 to 60.0m	1	30.00	7.85		235.50	



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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	(5.5+6.7)/2		183.00	
		1	30.00	(6.7+4.9)/2		174.00	
		1	30.00	(4.9+5.0)/2		148.50	
		1	10.90	(5.0+5.1)/2		55.05	
	cross roads towards Allalsandra	1	30.00	(3.0+3.8)/2		102.00	
		1	5.00	(3.8+3.8)/2		19.00	
	3rd main road	1	30.00	(6.6+6.0)/2		189.00	
		1	30.00	(6.0+7.2)/2		198.00	
		1	12.00	(7.2+6.2)/2		80.40	
	2nd main road	1	30.00	(6.6+7.1)/2		205.50	
		1	30.00	(7.1+7.0)/2		211.50	
		1	30.00	(7.0+7.0)/2		210.00	
		1	30.00	(7.0+6.9)/2		208.50	
		1	30.00	(6.9+6.9)/2		207.00	
		1	21.50	(6.9+6.7)/2		146.20	
Total Quantity						18784.16	Sqm

[Signature]
Contractor



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Assistant Engineer

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ಯಲಕಂಠ ಸುಪರ್ಟೆಂಡಿಂಗ್ ಇಂಜಿನಿಯರ್
ಕೆ.ಎಂ.ಎ. ಬೆಂಗಳೂರು-105

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
24	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 Complete in all respects compete as per specifications MORTH specification No. 507. using 100/120 TPH capacity HMP with sensor paver Gr-II (50mm to 75mm) with 4.5 % VG-30 Bitumen.						
	DBM For Road						
	Duo Marvel Layout						
	New Formation						
	1st Main Road						
	Ch.0.00 to 30.0m	1	30.00	7.20	0.05	10.80	
	Ch.30.0 to 42.7m	1	12.70	6.80	0.05	4.32	
	Ch.42.7 to 50.9m	1	8.20	4.50	0.05	1.85	
	Ch.50.9 to 80.9m	1	30.00	6.80	0.05	10.20	
	Ch.80.9 to 98.1m	1	17.20	6.80	0.05	5.85	
	1st 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	8.10	0.05	12.15	
	Ch.30.0 to 60.0m	1	30.00	8.25	0.05	12.38	
	Ch.60.0 to 90.0m	1	30.00	8.30	0.05	12.45	
	Ch.90.0 to 120.0m	1	30.00	8.15	0.05	12.23	
	Ch.120.0 to 135.0m	1	15.00	8.20	0.05	6.18	
	2nd 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	5.50	0.05	8.25	
	Ch.30.0 to 40.0m	1	7.00	5.50	0.05	1.93	
	3rd 'A' Cross Road						
	Ch.0.00 to 4.0m	1	4.00	6.00	0.05	1.20	
	Ch.4.0 to 34.0m	1	30.00	4.50	0.05	6.75	
	Ch.34.0 to 37.0m	1	3.00	4.50	0.05	0.68	
	4th 'A' Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.00	0.05	10.50	
	Ch.30.0 to 35.0m	1	5.00	7.30	0.05	1.83	
	1st Cross Road						
	Ch.0.00 to 4.0m	1	4.00	5.80	0.05	1.16	
	Ch.4.00 to 34.0m	1	30.00	4.90	0.05	7.35	
	Ch.34.0 to 64.0m	1	30.00	4.90	0.05	7.35	
	Ch.64.0 to 94.0m	1	30.00	5.20	0.05	7.80	
	Ch.94.0 to 116.8m	1	22.80	5.00	0.05	5.70	
	2nd Cross Road						
	Ch.0.00 to 30.0m	1	30.00	7.70	0.05	11.55	
	Ch.30.0 to 60.0m	1	30.00	7.80	0.05	11.70	
	Ch.60.0 to 90.0m	1	30.00	7.90	0.05	11.85	



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 ಜನರಲ್ ಮ್ಯಾನೇಜರ್
 ಯಂತ್ರ ಸಂಸ್ಥೆ ಸಂಸ್ಥಾಪಕರು
 ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	(1.6+1.5)/2	0.05	2.33	
		1	16.30	(1.5+1.5)/2	0.05	1.22	
	1st cross No 11 LHS	1	15.60	(1.5+1.4)/2	0.05	1.15	
		1	24.20	(1.4+1.5)/2	0.05	1.78	
Total Quantity						625.11	Cum

CAPC

Contractor



Rameshwaril
Assistant Engineer

ಶಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಧೀನಾಧಿಕಾರಿ
ಯಲಹಂಕರ ಉಪನಿಗರ ಉಪವಿಭಾಗ,
ಇ.ಬ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106
Asst. Executive Engineer

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
28	Providing and Constructing dry lean cement concrete mix CC1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregates at 0.86cum and fine aggregates @0.58cum over a prepared sub base, coarse and fine aggregates conforming to IS: 383-2016, aggregates gradation after blending to be as per table 600-1 optimum moisture content to be determined during trial length construction concrete strength not to be less than 10Mpa at 7 days mixed in a batch mixer plant transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller						
	cc road 4th cross road house no 84 Narayanappa layout	1	30.00	(5.3+4.9)/2	0.15	22.95	
		1	30.00	(4.9+4.4)/2	0.15	20.93	
		1	30.00	(4.4+4.5)/2	0.15	20.03	
	1st cross road	1	15.00	(4.5+4.5)/2	0.15	10.13	
		1	30.00	(6.9+4.4)/2	0.15	25.43	
		1	30.00	(4.4+4.2)/2	0.15	19.35	
	2nd cross road kavitha chandra shekar	1	25.00	(4.0+4.3)/2	0.15	15.56	
Total Quantity						134.36	Cum

Contractor



Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧೀನಾಧಿಕಾರಿ
ಯಶವಂತಿ-ಕಾರ್ಯಪಾಲಕರ ಕಛೇರಿ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel, AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	KSRRB 300-1 Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications								
	Vide Premeasurement page no.					5162.56			
						Present Qty 5162.56	Cum	226.00	1166739.00
2	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. a) 40mm Jelly								
	Vide Premeasurement page no.					3.83			
						Present Qty 3.83	Cum	1995.67	7643.00
3	b) 20mm Jelly								
	Vide Premeasurement page no.					3.83			
						Present Qty 3.83	Cum	1995.67	7643.00
4	c) Coarse sand.								
	Vide Premeasurement page no.					2.80			
						Present Qty 2.80	Cum	2783.02	7792.00
5	d) Fine Sand								
	Vide Premeasurement page no.					1.96			
						Present Qty 1.96	Cum	2783.02	5455.00
6	e) 12.5mm chips								
	Vide Premeasurement page no.					2.05			
						Present Qty 2.05	Cum	1995.67	4091.00
8	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings or as approved by Engineer Incharge								
	Vide Premeasurement page no.					9.33			
						Present Qty 9.33	Cum	74.57	696.00
9	KSRRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications								
	Vide Premeasurement page no.					810.20			
						Present Qty 810.20	Cum	5691.91	4611597.00
10	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications								
	Vide Premeasurement page no.					1493.68			
						Present Qty 1493.68	Cum	7422.30	11086551.00



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ, ಕಾರ್ಯಯಂತ್ರಣ,
ಯಲಹಂಕ ಉಪನಗರ, ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-108

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
23	KSRRB 500-7 Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.								
	Vide Premeasurement page no.					18784.16			
						Present Qty 18784.16	Sqm	13.35	250769.00

24	KSRRB M500-17 Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revision using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen								
	Vide Premeasurement page no.					625.11			
						Present Qty 625.11	Cum	6726.80	4205003.00

28	KSRRB M600-1 Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS 383-2016, aggregate cement ratio not to exceed 1:5, Aggregate gradation after blending to be as per Table 600-1, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications Clause 601 of MORTH V Revision and IS 456 Table-5. with OPC at 150 kg/cum								
	Vide Premeasurement page no.					134.36			
						Present Qty 134.36	Cum	3989.34	536018.00

Contractor



Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ, ಅಭಿವೃದ್ಧಿ
ಯಲಕಂಠಿ, ಮೈಸೂರು
ಜಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-108

Name of Work: Comprehensive Development of roads and drains at Deo Marvel, AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layout in Ward No- 03&04 of Yelahanka Division
(Package No-03)

Measurement Recorded on :

Item No	Discription of Item	Detailed Measurements								Unit	Rate	Amount
		No	Length	Breadth	Depth	Qty						
12	Supplying and Fixing precast reinforced concrete slab 100mm thick of mix M20 using 20mm and down size graded granite metal using reinforced 10mm dia steel at 150mm C/C both ways cost of transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.											
	Cover Slabs											
	Swagat Layout											
	5th Cross Road											
	RHS											
	Ch.0.00 to 12.0m	1	12.00	0.00		0.00						
	Ch.12.0 to 30.0m	1	18.00	0.90		16.20						
	Ch.30.0 to 35.5m	1	5.50	0.90		4.95						
	Ch.35.5 to 38.8m	1	3.30	0.90		2.97						
	Ch.38.8 to 68.5m	1	29.70	0.90		26.73						
	Ch.68.5 to 74.2m	1	5.70	0.90		5.13						
	Ch.74.2 to 104.2m	1	30.00	0.90		27.00						
	Ch.104.2 to 110.7m	1	6.50	0.90		5.85						
	Road Gap											
	Ch.110.7 to 120m	1	9.30	0.90		8.37						
	Ch.120.0 to 137.3m	1	17.30	0.90		15.57						
	Ch.137.3 to 146m	1	8.70	0.90		7.83						
	Ch.146 to 161.2m	1	15.20	0.90		13.68						
	Ch.161.2 to 172.8m	1	11.60	0.90		10.44						
	Ch.172.8 to 178.6m	1	5.80	0.90		5.22						
	Ch.178.6 to 182.2m	1	3.60	0.90		3.24						
	Ch.182.2 to 212.2m	1	30.00	0.90		27.00						
	Ch.212.2 to 217.6m	1	5.40	0.90		4.86						
	Ch.217.6 to 227m	1	9.40	0.90		8.46						
	Ch.227 to 257m	1	30.00	0.90		27.00						
	Ch.257 to 260.7m	1	3.70	0.90		3.33						
	4th Cross Road											
	RHS From End											
	Ch.0.00 to 30.0m											
	Ch.30.0 to 58.3m	1	30.00	0.90		27.00						
	Ch.58.3 to 67.3m	1	28.30	0.90		25.47						
	Ch.67.3 to 76.6m	1	9.00	0.90		8.10						
	Ch.76.6 to 88.7m	1	12.10	0.90		10.89						
	Ch.88.7 to 100.2m	1	11.50	0.90		10.35						



Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	cross roads LHS	1	20.00	0.90		18.00			
	RHS	1	20.00	0.90		18.00			
	4th main road LHS	1	12.00	0.90		10.80			
	Samudaya Bhavana road	1	17.50	0.90		15.75			
		1	18.00	0.90		16.20			
		1	17.90	0.90		16.11			
		1	17.00	0.90		15.30			
Total Quantity						3924.99	Sqm	2453.38	9629492.00

Contractor



Ramrajeshwar
Assistant Engineer

[Signature]

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Asst. Executive Engineer.
ಯಲಕರ್ಗುಲಿ
ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
13	providing and laying precast drain slabs of thick 250mm thick of mix M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finishing surface on both sides etc., completed as per drawing and direction of engineer in charge of work.								
	Cover Slabs								
	5th Cross Road Swagat layout	2	5.50	1.50		16.50			
	4th Cross Road Swagat layout	1	7.00	1.50		10.50			
	3rd Cross Road Akashavani Layout	1	7.20	1.50		10.80			
	2nd Cross Road Akashavani Layout	1	7.00	1.50		10.50			
	3rd Cross Road AMS Layout	1	8.00	1.50		12.00			
	4th Cross Road AMS Layout	1	7.00	1.50		10.50			
	Brindavan Layout	1	6.50	1.50		9.75			
	Balaji Layout	1	7.00	1.50		10.50			
	Ambabhavani Layout	1	6.50	1.50		9.75			
	GKV Layout								
		14	1.20	0.60		10.08			
		13	1.20	0.60		9.36			
		5	1.50	0.60		4.50			
		11	1.20	0.60		7.92			
		10	1.20	0.60		7.20			
		16	1.20	0.60		11.52			
		5	1.50	0.60		4.50			
		6	1.50	0.60		5.40			
Total Quantity						161.28	Sqm	5687.82	917332.00

Contractor



Ramesh Gopal
Assistant Engineer

ಕಾರ್ಯದರ್ಶಿ
ಯಂತ್ರೋಪಕರಣ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಬಿ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel, AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKV Layout Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
14	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc. complete								
	New Kerb								
	Swagat Layout								
	5th Cross Road								
	RHS								
	Ch.0.00 to 12.0m	1	12.00			27.00			
	Ch.12.0 to 30.0m	1	18.00			40.00			
	Ch.30.0 to 35.5m	1	5.50			12.00			
	Ch.35.5 to 38.8m	1	3.30			7.00			
	Ch.38.8 to 68.5m	1	29.70			66.00			
	Ch.68.5 to 74.2m	1	5.70			13.00			
	Ch.74.2 to 104.2m	1	30.00			67.00			
	Ch.104.2 to 110.7m	1	6.50			14.00			
	Road Gap								
	Ch.110.7 to 120m	1	9.30			21.00			
	Ch.120.0 to 137.3m	1	17.30			38.00			
	Ch.137.3 to 146m	1	8.70			19.00			
	Ch.146 to 161.2m	1	15.20			34.00			
	Ch.161.2 to 172.8m	1	11.60			26.00			
	Ch.172.8 to 178.6m	1	5.80			13.00			
	Ch.178.6 to 182.2m	1	3.60			8.00			
	Ch.182.2 to 212.2m	1	30.00			67.00			
	Ch.212.2 to 217.6m	1	5.40			12.00			
	Ch.217.6 to 227m	1	9.40			21.00			
	Ch.227 to 257m	1	30.00						
	Ch.257 to 260.7m	1	3.70			8.00			
	4th Cross Road								
	RHS								
	Ch.0.00 to 30.0m	1	30.00			67.00			
	Ch.30.0 to 58.3m	1	28.30			63.00			
	Ch.58.3 to 67.3m	1	9.00			20.00			
	Ch.67.3 to 76.6m	1	9.30			21.00			
	Ch.76.6 to 88.7m	1	12.10			27.00			
	Ch.88.7 to 100.2m	1	11.50			26.00			
	Ch.100.2 to 108.5m	1	8.30			18.00			
	Ch.108.5 to 118.2m	1	9.70			21.00			
	Ch.118.2 to 148.2m	1	30.00			67.00			
	Ch.148.2 to 162.1m	1	13.90			31.00			
	Ch.162.1 to 171.9m	1	9.80			22.00			
	Ch.171.9 to 180.4m	1	8.50			19.00			
	Ch.180.4 to 189.5m	1	9.10			20.00			



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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧ್ಯಯನ
ಯಲಕಂಠ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch.0.00 to 30.0m	1	30.00			66.00			
	Ch.30.0 to 60.0m	1	30.00			66.00			
	Ch.60.0 to 90.0m	1	30.00			66.00			
	Ch.90.0 to 120.0m	1	30.00			66.00			
	Ch.120.0 to 150.0m	1	30.00			66.00			
	Ch.150.0 to 180.0m	1	30.00			66.00			
	Ch.180.0 to 189.3m	1	9.30			21.00			
	9th Cross Road								
	LHS								
	Ch.0.00 to 30.0m	1	30.00			66.00			
	RHS								
	Ch.0.00 to 30.0m	1	30.00			66.00			
	Deduct infront of house Ramp and tree edges					-48.00			
Total Quantity						7585.00	Nos	454.02	3443742.00

Contractor



Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ, ಪ್ರಾಂಶುಪಾಲಕರು
ಯಲಹಂಕ, ಬೆಂಗಳೂರು ನಗರ.
Asst. Executive Engineer
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements									
Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
15	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour completed as per specifications.								
	New Kerb Stones								
	Swagat Layout								
	5th Cross Road								
	RHS								
	Ch.0.00 to 12.0m	1	12.00		0.40	4.80			
	Ch.12.0 to 30.0m	1	18.00		0.40	7.20			
	Ch.30.0 to 35.5m	1	5.50		0.35	1.93			
	Ch.35.5 to 38.8m	1	3.30		0.40	1.32			
	Ch.38.8 to 68.5m	1	29.70		0.40	11.88			
	Ch.68.5 to 74.2m	1	5.70		0.40	2.28			
	Ch.74.2 to 104.2m	1	30.00		0.35	10.50			
	Ch.104.2 to 110.7m	1	6.50		0.35	2.28			
	Road Gap								
	Ch.110.7 to 120m	1	9.30		0.40	3.72			
	Ch.120.0 to 137.3m	1	17.30		0.40	6.92			
	Ch.137.3 to 146m	1	8.70		0.45	3.92			
	Ch.146 to 161.2m	1	15.20		0.45	6.84			
	Ch.161.2 to 172.8m	1	11.60		0.45	5.22			
	Ch.172.8 to 178.6m	1	5.80		0.45	2.61			
	Ch.178.6 to 182.2m	1	3.60		0.40	1.44			
	Ch.182.2 to 212.2m	1	30.00		0.35	10.50			
	Ch.212.2 to 217.6m	1	5.40		0.35	1.89			
	Ch.217.6 to 227m	1	9.40		0.35	3.29			
	Ch.227 to 257m	1	30.00						
	Ch.257 to 260.7m	1	3.70		0.40	1.48			
	4th Cross Road								
	RHS								
	Ch.0.00 to 30.0m	1	30.00		0.40	12.00			
	Ch.30.0 to 58.3m	1	28.30		0.40	11.32			
	Ch.58.3 to 67.3m	1	9.00		0.45	4.05			
	Ch.67.3 to 76.6m	1	9.30		0.45	4.19			
	Ch.76.6 to 88.7m	1	12.10		0.45	5.45			
	Ch.88.7 to 100.2m	1	11.50		0.45	5.18			
	Ch.100.2 to 108.5m	1	8.30		0.45	3.74			
	Ch.108.5 to 118.2m	1	9.70		0.40	3.88			
	Ch.118.2 to 148.2m	1	30.00		0.40	12.00			
	Ch.148.2 to 162.1m	1	13.90		0.40	5.56			
	Ch.162.1 to 171.9m	1	9.80		0.40	3.92			
	Ch.171.9 to 180.4m	1	8.50		0.40	3.40			
	Ch.180.4 to 189.5m	1	9.10		0.40	3.64			
	Ch.189.5 to 204.5m	1	15.00		0.40	6.00			
	LHS								



ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ, ಆಯೋಜನೆ
ಯಲಹಂಕರ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch.1800.0 to 189.3m	1	9.30		0.40	3.72			
	Ch.189.3 to 214.3m	1	25.00		0.38	9.50			
	RHS								
	Ch.0.00 to 30.0m	1	30.00		0.40	12.00			
	Ch.30.0 to 60.0m	1	30.00		0.40	12.00			
	Ch.60.0 to 90.0m	1	30.00		0.40	12.00			
	Ch.90.0 to 120.0m	1	30.00		0.45	13.50			
	Ch.120.0 to 150.0m	1	30.00		0.45	13.50			
	Ch.150.0 to 180.0m	1	30.00		0.45	13.50			
	Ch.180.0 to 189.3m	1	9.30		0.40	3.80			
	9th Cross Road								
	LHS								
	Ch.0.00 to 30.0m	1	30.00		0.40	12.00			
	RHS								
	Ch.0.00 to 30.0m	1	30.00		0.40	12.00			
Total Quantity						1389.36	Sqm	89.02	123681.00


Contractor




Assistant Engineer


Asst. Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧೀಕ್ಷಕರು
ಮಲಪೇಟೆ ಮಾರ್ಕೆಟ್ ಮುಖೇಶ್ವರ
೨೭.೭.೨೦.೨೦, ಬೆಂಗಳೂರು-೫೬

Name of Work: Comprehensive Development of roads and drains at Deo Marvel, AMS Layout, Swagat Layout, Ashavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No- 03)

Measurement Recorded on :

Detailed Measurements									
No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
25	providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastic (waste plastic) crushed aggregates of specified grading pre mixed with bituminous binder and filler, transporting the hot mix to the work site, laying with a paver finisher to the require grade, level and alignment and rolling with the smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respect complete as per								
	BC Road								
	Duo Marvel Layout								
	1st Main Road								
	Ch 0.00 to 30.0m	1.00	30.00	7.20	0.03	6.48			
	Ch 30.0 to 42.7m	1.00	12.70	6.80	0.03	2.59			
	Ch 42.7 to 50.9m	1.00	8.20	4.50	0.03	1.11			
	Ch 50.9 to 80.9m	1.00	30.00	6.80	0.03	6.12			
	Ch 80.9 to 98.1m	1.00	17.20	6.80	0.03	3.51			
	3rd Cross Road								
	Ch 0.00 to 30.0m	1.00	30.00	7.50	0.04	9.00			
	Ch 30.0 to 60.0m	1.00	30.00	7.80	0.04	9.36			
	Ch 60.0 to 90.0m	1.00	30.00	7.80	0.04	9.36			
	Ch 90.0 to 120.0m	1.00	30.00	7.70	0.04	9.24			
	Ch 120.0 to 140.4m	1.00	20.40	7.70	0.04	6.28			
	1st 'A' Cross Road								
	Ch 0.00 to 30.0m	1.00	30.00	8.25	0.03	7.43			
	Ch 30.0 to 60.0m	1.00	30.00	8.10	0.03	7.29			
	Ch 60.0 to 90.0m	1.00	30.00	8.15	0.03	7.34			
	Ch 90.0 to 120.0m	1.00	30.00	8.30	0.03	7.47			
	Ch 120.0 to 135.0m	1.00	15.00	8.20	0.03	3.69			
	2nd 'A' Cross Road								
	Ch 0.00 to 30.0m	1.00	30.00	5.50	0.03	4.95			
	Ch 30.0 to 40.0m	1.00	7.00	5.50	0.03	1.16			
	3rd 'A' Cross Road								
	Ch 0.00 to 4.0m	1.00	4.00	6.00	0.03	0.72			
	Ch 4.0 to 34.0m	1.00	30.00	4.50	0.03	4.05			
	Ch 34.0 to 37.0m	1.00	3.00	4.50	0.03	0.41			
	4th 'A' Cross Road								
	Ch 0.00 to 30.0m	1.00	30.00	7.00	0.03	6.30			
	Ch 30.0 to 35.0m	1.00	5.00	7.30	0.03	1.10			
	1st Cross Road								
	Ch 0.00 to 4.0m	1.00	4.00	5.80	0.03	0.70			
	Ch 4.00 to 34.0m	1.00	30.00	4.90	0.03	4.41			
	Ch 34.0 to 64.0m	1.00	30.00	5.10	0.03	4.59			
	Ch 64.0 to 94.0m	1.00	30.00	5.00	0.03	4.50			
	Ch 94.0 to 116.8m	1.00	22.80	5.00	0.03	3.42			
	2nd Cross Road								
	Ch 0.00 to 30.0m	1.00	30.00	7.70	0.04	9.24			
	Ch 30.0 to 60.0m	1.00	30.00	7.85	0.04	9.42			



ಕೆ.ಎಂ.ಎಸ್. ಕಾರ್ಪೊರೇಷನ್
ಯಲಹಂಕೆ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		1.00	30.00	(7.0+7.0)/2	0.03	6.30			
		1.00	30.00	(7.0+6.9)/2	0.04	8.34			
		1.00	30.00	(6.9+6.9)/2	0.04	8.28			
		1.00	30.00	(6.9+6.7)/2	0.04	8.16			
		1.00	16.30	(6.7+7.5)/2	0.04	4.63			
Total Quantity						676.24	Cum	7913.04	5351135.00

[Signature]
Contractor



[Signature]
Assistant Engineer
[Signature]

[Signature]
Asst. Executive Engineer
ಯಲಹಳ್ಳಿ ಮಾರ್ಗ ನಿರ್ಮಾಣ ಇಲಾಖೆ
ಇ.ಇ.ಎಂ.ಒ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel,AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Detailed Measurements

Sl. No.	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
26	KSRRB M800-13. Road marking with hot applied thermoplastic compound with reflectrising glass beads on bituminous/ concrete surface. providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectrising glass beads at 250gms/ Sqm area, thickness of 2.5mm is exclusive of surfce applied glass beads as per IRC: 35 standards specified the finished surface to be levell uniform and free from streaks and holes complete as per speciationd MORTH specification No.803								
	Duo Marvel Layout								
	1st Main Road								
	Ch.0.00 to 30.0m	2.00	30.00	0.10		6.00			
	Ch.30.0 to 42.7m	2.00	12.70	0.10		2.54			
	Ch.42.7 to 50.9m	2.00	8.20	0.10		1.64			
	Ch.50.9 to 80.9m	2.00	30.00	0.10		6.00			
	Ch.80.9 to 98.1m	2.00	17.20	0.10		3.44			
	3rd Cross Road								
	Ch.0.00 to 30.0m	2.50	30.00	0.10		7.50			
	Ch.30.0 to 60.0m	2.50	30.00	0.10		7.50			
	Ch.60.0 to 90.0m	2.50	30.00	0.10		7.50			
	Ch.90.0 to 120.0m	2.50	30.00	0.10		7.50			
	Ch.120.0 to 140.4m	2.50	20.40	0.10		5.10			
	1st 'A' Cross Road								
	Ch.0.00 to 30.0m	2.50	30.00	0.10		7.50			
	Ch.30.0 to 60.0m	2.50	30.00	0.10		7.50			
	Ch.60.0 to 90.0m	2.50	30.00	0.10		7.50			
	Ch.90.0 to 120.0m	2.50	30.00	0.10		7.50			
	Ch.120.0 to 135.0m	2.50	15.00	0.10		3.75			
	2nd 'A' Cross Road								
	Ch.0.00 to 30.0m	2.00	30.00	0.10		6.00			
	Ch.30.0 to 40.0m	2.00	7.00	0.10		1.40			
	3rd 'A' Cross Road								
	Ch.0.00 to 4.0m	2.00	4.00	0.10		0.80			
	Ch.4.0 to 34.0m	2.00	30.00	0.10		6.00			
	Ch.34.0 to 37.0m	2.00	3.00	0.10		0.60			
	4th 'A' Cross Road								
	Ch.0.00 to 30.0m	2.00	30.00	0.10		6.00			
	Ch.30.0 to 35.0m	2.00	5.00	0.10		1.00			
	1st Cross Road								
	Ch.0.00 to 4.0m	2.00	4.00	0.10		0.80			
	Ch.4.00 to 34.0m	2.00	30.00	0.10		6.00			
	Ch.34.0 to 64.0m	2.00	30.00	0.10		6.00			
	Ch.64.0 to 94.0m	2.00	30.00	0.10		6.00			
	Ch.94.0 to 116.8m	2.00	22.80	0.10		4.56			
	2nd Cross Road								



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ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106

No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		2.00	30.00	0.10		6.00			
		2.00	30.00	0.10		6.00			
		2.00	10.90	0.10		2.18			
	cross roads towards Allalsandra	2.00	30.00	0.10		6.00			
		2.00	5.00	0.10		1.00			
	3rd main road	2.00	30.00	0.10		6.00			
		2.00	30.00	0.10		6.00			
		2.00	12.00	0.10		2.40			
	2nd main road	2.00	30.00	0.10		6.00			
		2.00	30.00	0.10		6.00			
		2.00	30.00	0.10		6.00			
		2.00	30.00	0.10		6.00			
		2.00	30.00	0.10		6.00			
		2.00	30.00	0.10		6.00			
		2.00	16.30	0.10		3.26			
	2nd main road	1.00	95.00	0.10		9.50			
		1.00	120.00	0.10		12.00			
Total Quantity						690.78	Sqm	477.39	329771.00

Raj
Contractor



Ramesh Gopal
Assistant Engineer

Ramesh
ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ-ಆಯುಕ್ತರ
ಯಲಹಾಸಿ, ಬೆಂಗಳೂರು
ಇ.ಐ.ಎಂ.ಎ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel, AMS Layout, Swagat Layout, Akshavani Layout, Chowdappa Layout and GKV Layout in Ward No- 03&04 of Yelahanka Division (Package No-03)

Measurement Recorded on :

Measurement Recorded on:		Detailed Measurements							
Sl. No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
27	KSRRB M800-35. Supply and installation of molded shank raised pavement markers made up of poly carbonate and ABS (acrylonitrile Butadiene styrene) molded body and reflective pannels with microprismatic lens capable of providing total internal reflection of the light entering the lense face and shall support load of 16000 KG tested in accordance to specifications of catagory A of MORTH circular No. RW/NH/33023/10-97 - DO III Dt 11.06.1997. the height width and length shall not exceed 50mm, 100mm and 102mm and the strength of detachment area of 135sqcm on each side and the slope to the base shall be 35o 19mm and height not less than 30mm) from the body is to be a minimum value of 500KG.								
	At 7M interval								
	Duo Marvel								
	1st Main Road	2.00	14.00			28.00			
	3rd Cross Road	3.00	20.00			60.00			
	1st 'A' Cross Road	3.00	19.00			57.00			
	2nd 'A' Cross Road	2.00	6.00			12.00			
	3rd 'A' Cross Road	2.00	5.00			10.00			
	4th 'A' Cross Road	2.00	5.00			10.00			
	1st Cross Road	2.00	17.00			34.00			
	2nd Cross Road	2.00	18.00			36.00			
	2nd Main Road	2.00	19.00			38.00			
	5th Cross Road	3.00	56.00			168.00			
	Road Connecting 1st & 2nd Cross Road	2.00	8.00			16.00			
	5th Main Road	3.00	41.00			123.00			
	6th Cross Road	2.00	15.00			30.00			
	7th Cross Road	2.00	15.00			30.00			
	8th Cross Road	2.00	15.00			30.00			
	9th Cross Road	2.00	15.00			30.00			
	10th Cross Road	2.00	15.00			30.00			
	11th Cross Road	2.00	15.00			30.00			
	12th Cross Road	2.00	15.00			30.00			
	13th Cross Road	2.00	15.00			30.00			
	GKVKLayout								
	1st cross No 11	2.00	45.00			90.00			
	4th main road house no 13	2.00	26.00			52.00			
	2nd main road	2.00	46.00			92.00			
Total Quantity						1066.00	Nos	375.01	399761.00

Contractor



Ramaneeral
Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Asst. Executive Engineer
ಯಲಹಂಕ ರವಿವರ್ಮ ರಸ್ತೆ ವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಎ. ಬೆಂಗಳೂರು-106

Name of Work: Comprehensive Development of roads and drains at Deo Marvel, AMS Layout, Swagat Layout, Akashavani Layout, Chowdappa Layout and GKVK Layout in Ward No- 03&04 of Yelahanka Division (Package No- 03)

Measurement Recorded on :

Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
29	Constructing Un-reinforced plain cement concrete for pavements using grade concrete M30 over a prepared base with OPC coarse aggregates at 0.69Cum fine aggregates at 0.46cum coarse and fine aggregates conforming to IS: 383-2016, with superplasticizer at 3 its conforming to IS: 9103-2008 mixed in a concrete mixer of not less than 0.6cum capacity and appropriate weight batcher as per approved mix design laid in approved fixed side form work and spreading the concrete with shovels, rammers compacted using needles screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction and cover the surface by gunny bags for curing.								
	cc road 4th cross road house no 84 Narayanappa layout	1	30.00	(5.3+4.9)/2	0.15	22.95			
		1	30.00	(4.9+4.4)/2	0.15	20.93			
		1	30.00	(4.4+4.5)/2	0.15	20.03			
		1	15.00	(4.5+4.5)/2	0.15	10.13			
	1st cross road	1	30.00	(6.9+4.4)/2	0.15	25.43			
		1	30.00	(4.4+4.2)/2	0.15	19.35			
		1	30.00	(4.2+3.6)/2	0.15	17.55			
		1	22.00	(3.6+4.0)/2	0.15	12.54			
		1	30.00	(3.3+5.0)/2	0.15	18.68			
		1	4.80	(5.0+5.0)/2	0.15	3.60			
		1	18.80	(3.7+3.8)/2	0.15	10.58			
	2nd cross road kavitha chandra shekar	1	30.00	(4.0+4.3)/2	0.15	18.68			
		1	30.00	(4.3+4.6)/2	0.15	20.03			
		1	30.00	(4.6+4.0)/2	0.15	19.35			
		1	20.20	(4.0+4.9)/2	0.15	13.48			
	3rd cross road Y M Venkatesh house	1	30.00	(3.0+4.8)/2	0.15	17.55			
		1	30.00	(4.8+4.0)/2	0.15	19.80			
		1	30.00	(4.0+4.0)/2	0.15	18.00			
		1	2.00	(4.0+4.0)/2	0.10	0.80			
Total Quantity						309.42	Cum	5470.47	1692692.00
Total									74626642.61
12% GST									8955198.00
Grand Total									83581840.61

Contractor



Ramangaraj
Assistant Engineer

CEFC
Asst. Executive Engineer
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